

EX

S.P

350

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Overview -2-

English

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محتوى مجاني غير مخصص للبيع التجاري

RB Medicine

اللغة الطبية | Medical English

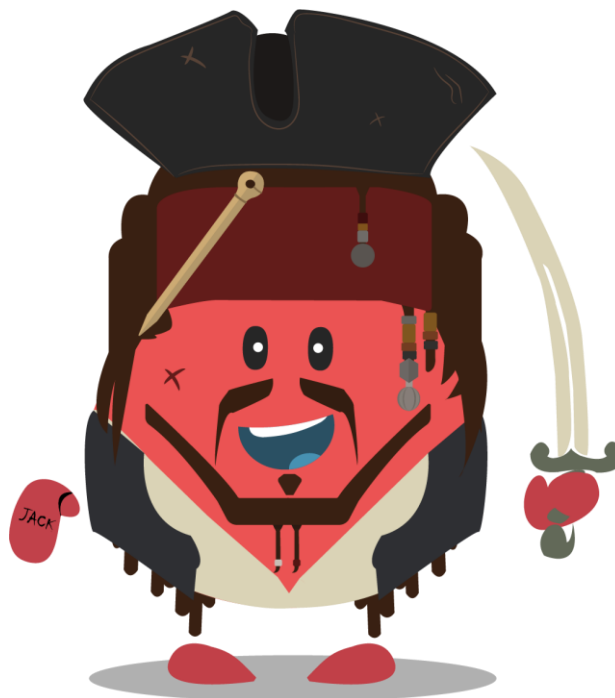
Peace be upon you

Dear friends... due to our desire to give you all the help that we can offer...

Medical English team presents to you this amazing extra...

We are going to revise the most important information in the last 5 lectures...

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Al kamal



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Articles 1 and 2

- ❖ **Article:** A piece of writing that consists of five to twenty pages which usually concentrates on one study, and appears in newspapers, magazines and **journals**.
- ↳ **Scientific article:** An Article written by professors or lecturers of the university.
- ❖ **Journal:** A magazine, book or an issue that is published every now and then maybe every month.
- ↳ **Refereed journal:** It contains articles that are written by experts and reviewed by several other experts in the same field before publishing the article in the journal in order to ensure the article's quality.
- ❖ University staff are required to do studies and write articles in order **to get promoted**.

The degrees of the staff of the faculty of medicine (from the highest to the lowest):

- 1) Professor (highest rank).
- 2) Associate professor.
- 3) Assistant professor.
- 4) Lecturer (lowest rank).

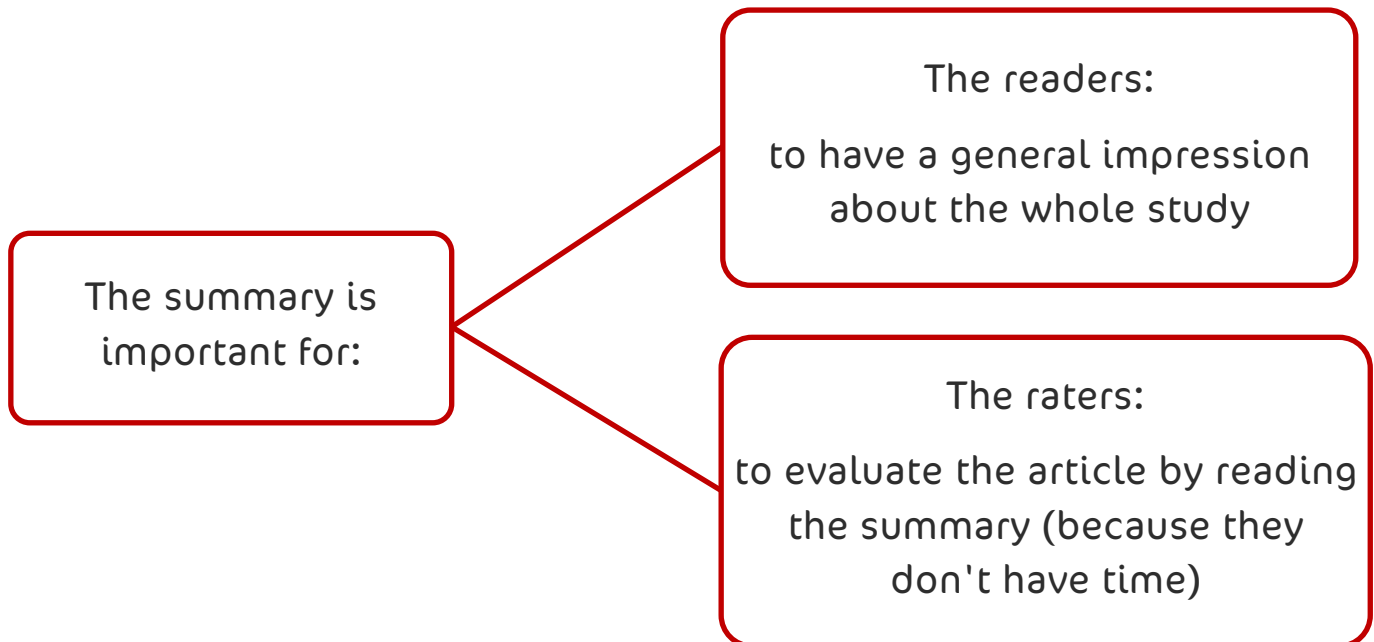
We have 3 ranks in Damascus University:

- 1) Lecturer.
- 2) Assistant professor.
- 3) Professor.



The order of headings used in articles from American journals:

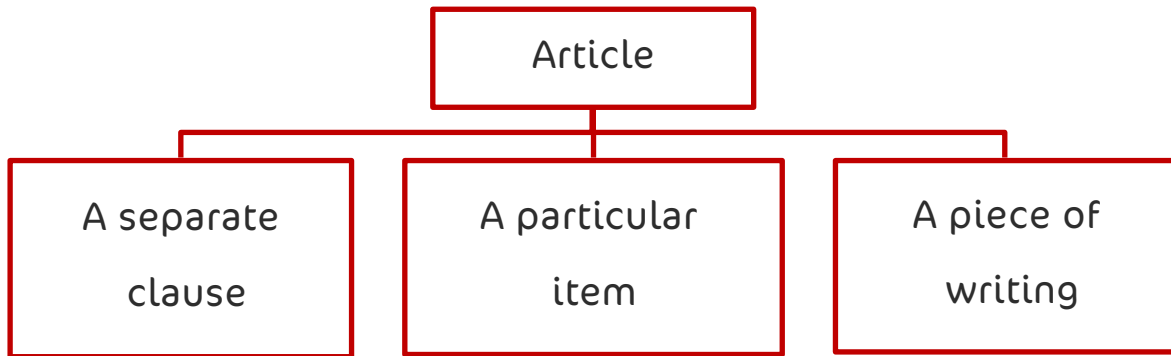
- 1) Title.
- 2) Authors.
- 3) Editor's note.
- 4) Summary.
- 5) Introduction.
- 6) Materials and methods.
- 7) Results.
- 8) Comment.
- 9) References.



Notes about joint study:

- The article can be written by one, two or many authors.
- When the study is done by two or many authors, it is called “joint study”.
- Another meaning for joint account: a bank account held by more than one person (for example when the wife and husband share the same bank account).

More than a meaning:



The main purpose of the lecture's article is: improving the participation and agreement in scoring (interrater agreement).

Lost art:

It's lost because:

1. There are no specific criteria¹ or standards for evaluation.
2. Every person depends on his own subjectivity.
3. There are few things that may affect the scoring like:
 - ↳ Subjectivity/bias.
 - ↳ Feelings.
 - ↳ State.
 - ↳ Psychological condition.

Interrater agreement is better when:

- 1) There are specific criteria.
- 2) There is training for reviewers.



¹ معايير.

Review:

- ✓ It is evaluating the work of somebody by people from a higher rank.
- ✓ Peer review: evaluating the work of somebody by people from the same rank which makes evaluators self-confident and encourages more junior investigators, and that's why it's the means by which:
 - ↳ Grant applications are selected for funding.
 - ↳ The main objective of holding scientific conferences at the faculty.
 - ↳ Experiments involving human subjects are approved.
 - ↳ Manuscripts are selected for publication.
 - ↳ Abstracts are selected for presentation at scientific meetings.

Three Minutes
about Peer
Review



The benefits of conferences

Introduce new researchers to the academic community

Improve health education

Improve health services

Improve patient care

Dissminate new knowledge

The subjects of the scientific conferences are presented in two ways:

1. Platform presentation (oral presentation) (it makes the person proud of himself).
2. Poster presentation (for people who didn't get the chance to participate in platform presentations).

People in charge of conferences don't approve all applications, because they are limited by:

1. Time; conferences usually last for only two or -very rarely- three days (for oral presentations).
2. Expenses.
3. Space (for poster presentations).
↳ They only want to select the best researches.

Understanding rating values

Rating value	Its meaning
1 out of 5	Unsuitable for presentation and will be excluded
2 out of 5	they take it to fulfill the perfect number of suitable presentations
3 out of 5	Could be considered when necessary
4 out of 5	They are not selected directly
5 out of 5	They must get the chance to participate oral presentations

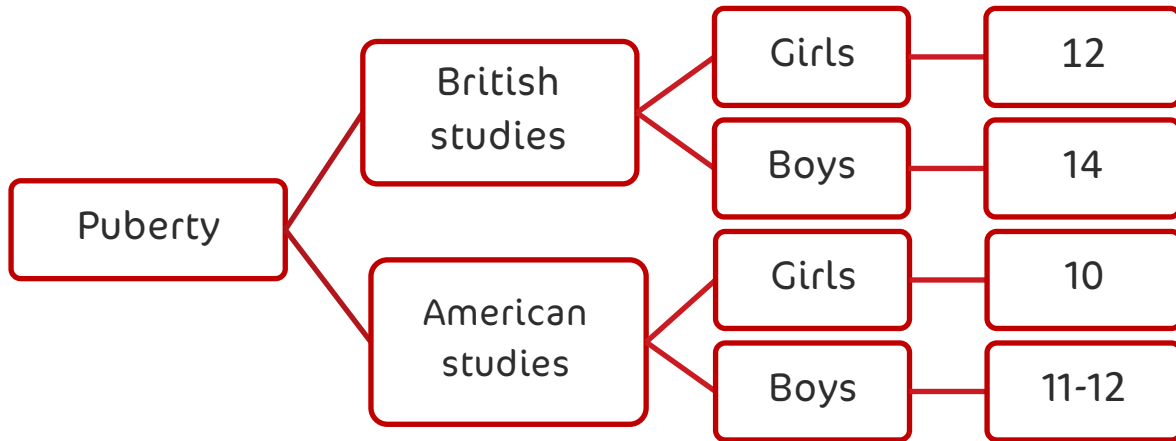
Results of the article:

- The number of reviewers (people who review) changes every year; because they want to try, to know whether increasing or decreasing the number of reviewers is better. But after trying, the results of changing the number of reviewers didn't show any change in the interrater agreement.

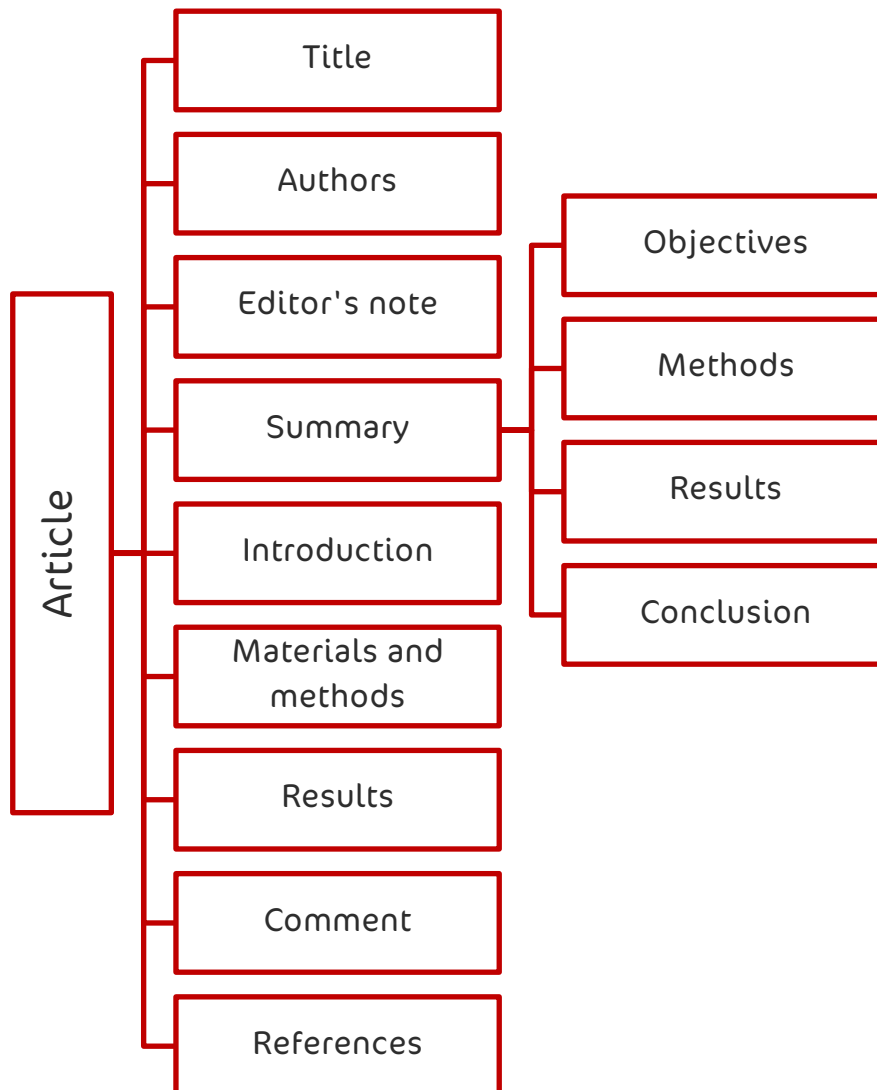
The two systems of documentations:

1. MLA.
2. APA.

The ages at which puberty begins:



Headlines:



Extraction in a table * _ *

Extraction		
In general	Small parts taken from something else	
In culture	To extract juice from oranges by squeezing them, to extract oil from olives	
In crimes	To extract the hidden truth from a criminal (to oblige him to say what he knows)	
In medicine	Generally in medicine	A surgical removal of something
	Cataract extraction	The removal of a clouded lens (the cataract) from the eye which is then replaced with another artificial one in order to see better
	Generally in obstetrics and gynecology	Helping/giving aid in delivery usually in breech delivery
	Vacuum extraction	A method to assist delivery of a baby by pulling his head, using a medical instrument called an "extractor"

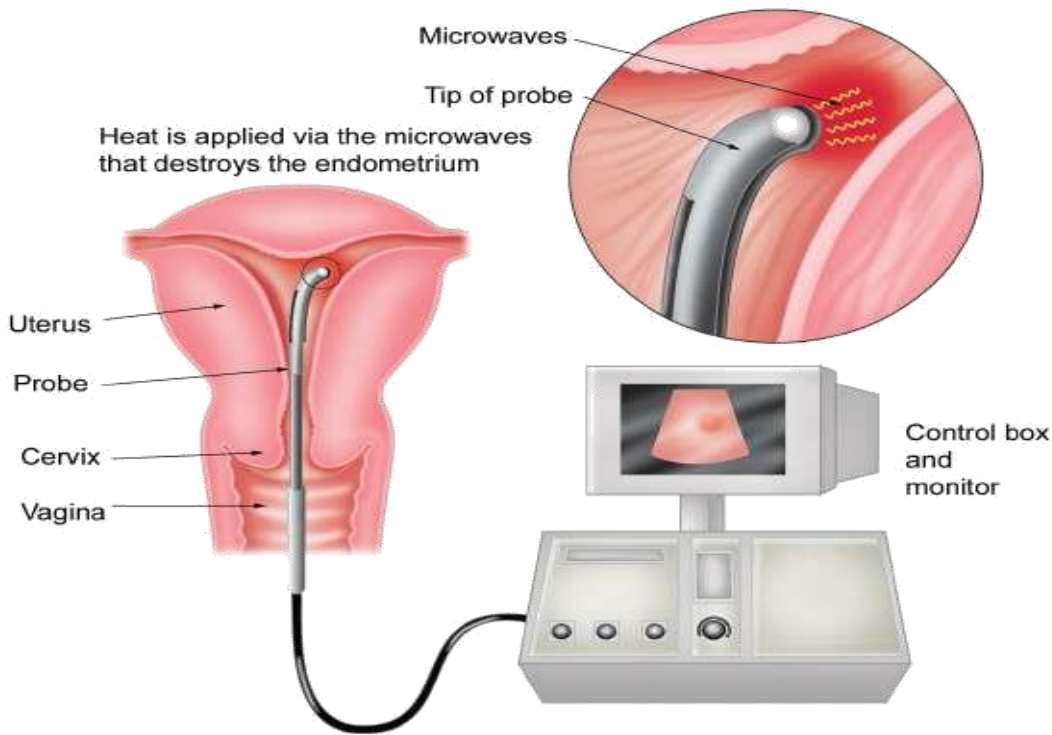
Difference between adolescence, adulthood and puberty

Adolescence	The period between childhood and adulthood
Adulthood	The period when person or animal becomes fully grown (at the age of 18-20)
Puberty	Physical and psychological changes that occur when sexual maturity begins

Article 3

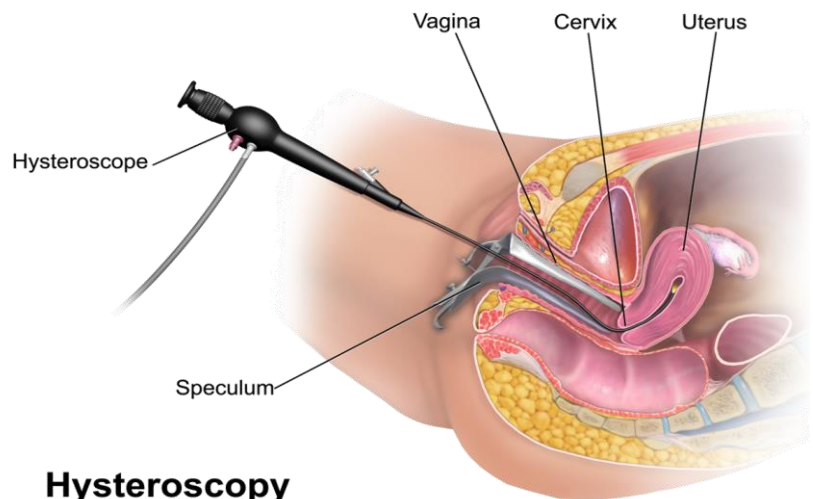
- ❖ Menorrhagia: is heavy bleedings during menstruation.
- ❖ In management of menorrhagia:
 - ↳ Endometrial resection: TCRE (Trans-cervical resection of the endometrium) is a kind of it.
 - ↳ Hysterectomy (surgical removal of uterus).

TCRE can be an acceptable alternative for hysterectomy When woman doesn't have other serious disorders besides menorrhagia.



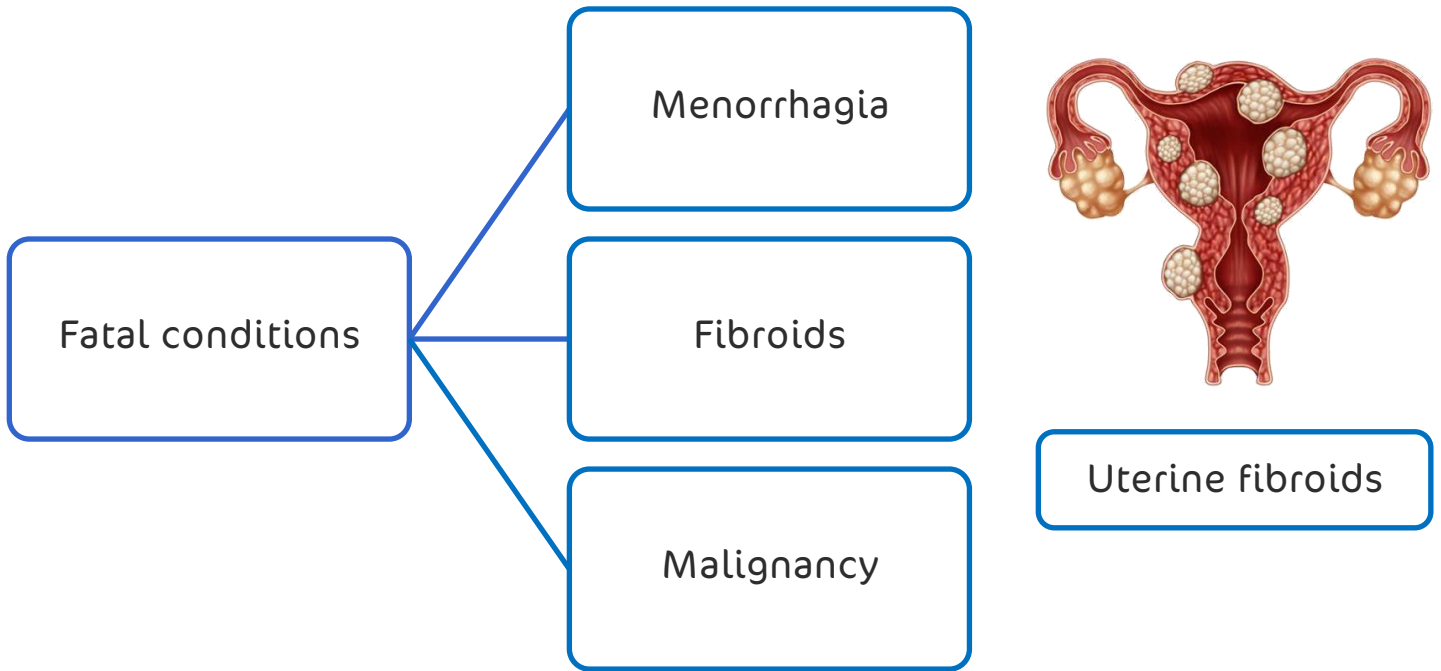
The technique of TCRE

How hysteroscopy works

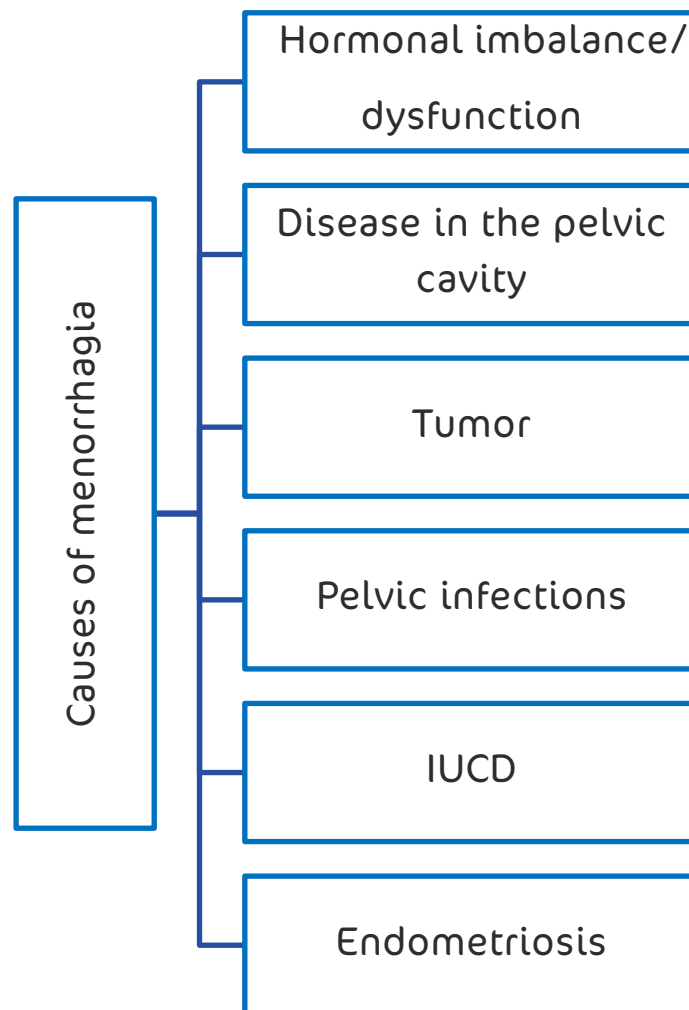


Hysteroscopy

Uterus should be surgically removed in these cases:



Causes of menorrhagia:



Comparison between Hysterectomy and TCRE

Hysterectomy	TCRE
Done under general anesthesia	Done under local anesthesia
Woman can't conceive after it	Woman still can conceive after it
Includes making an incision	Doesn't include making an incision
Harder for the woman to bear	Easier for the woman to bear
Takes more time to stay at the hospital	Takes less time to stay at the hospital
Requires staying in hospital for much more time	Requires staying in hospital for less time
Has more complications	Has less complications

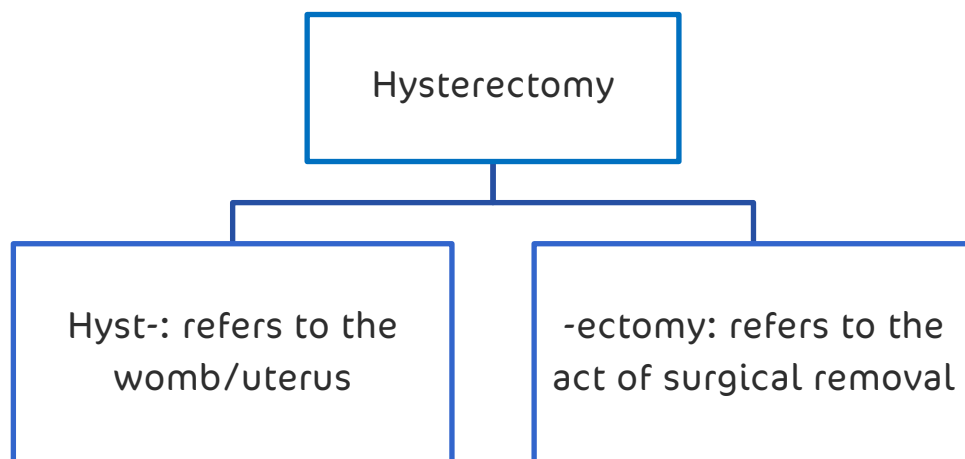


Hysteroscopy

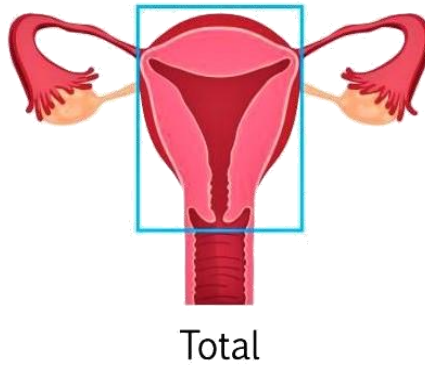
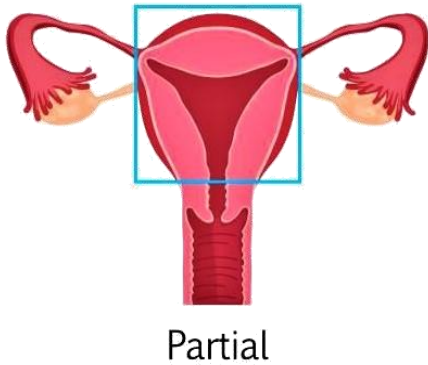
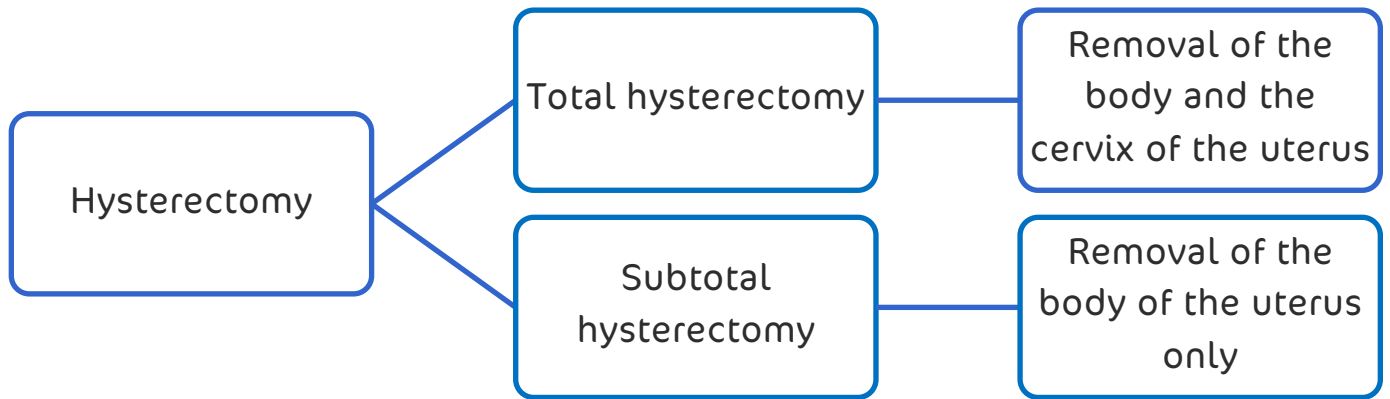


TCRE

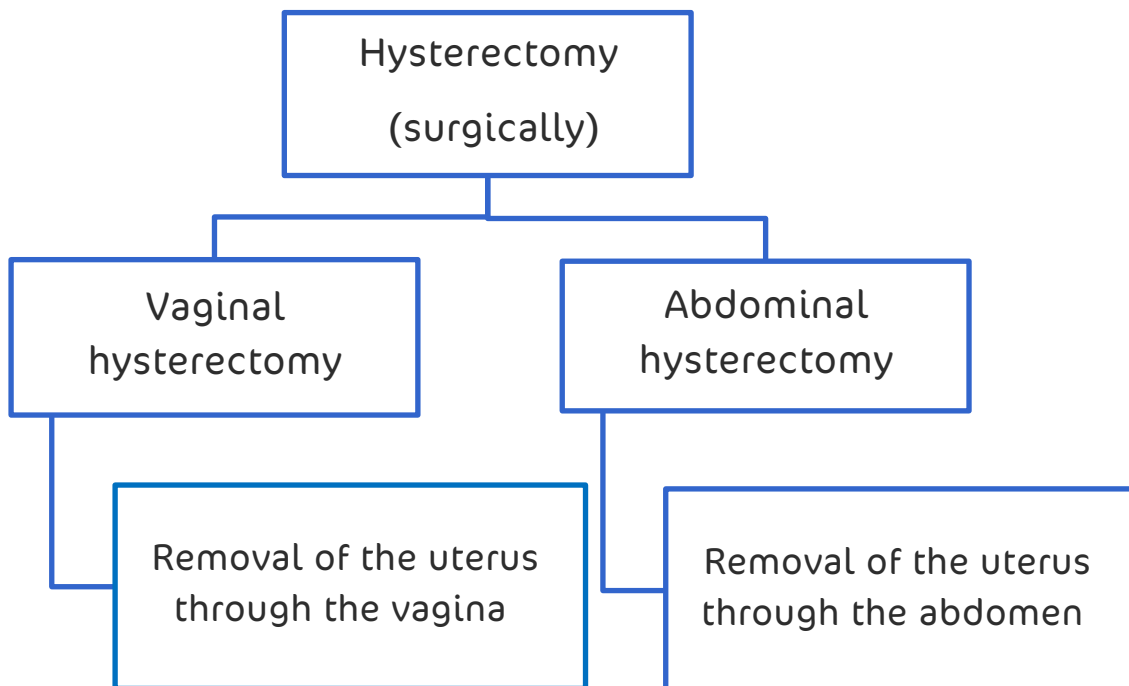
Word analysis:



Hysterectomy types:



Total hysterectomy and subtotal (partial) hysterectomy



Notes:

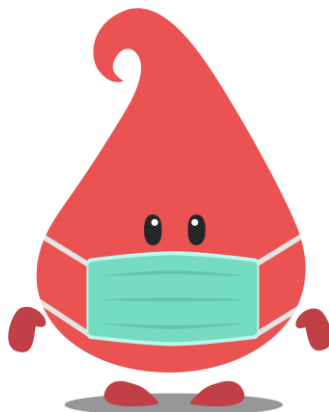
- Hysteroscopy is a tube for inspecting/see the inside of the uterus.
 - Hysterotomy is a surgical removal of the baby from the uterus before the 24th week of conception (a kind of abortion) and it is called caesarean² if it is done after the 24TH week of conception.
 - Abortion³ /miscarriage is a condition/situation where the baby is not able to stay in the uterus until the end of pregnancy.
- TCRE is more comfortable than hysterectomy and that's why patients are encouraged to under go it rather than hysterectomy.
 - Endometriosis: it is a condition where tissue similar to the lining of the uterus exists in other places of the body.

A simple comparison between obstetrics and gynecology

Obstetrics	Gynecology
The medicine concerned with childhood and women giving birth	The medicine concerned with the female reproductive organs

Comparison between menstrual cycle and menstruation

Menstrual cycle	Menstruation/menses
A periodic series of events that occurs in sexually mature non-pregnant women	Discharge of blood and fragments of the endometrium
Occurs every 28 days	It lasts for 3-7 days

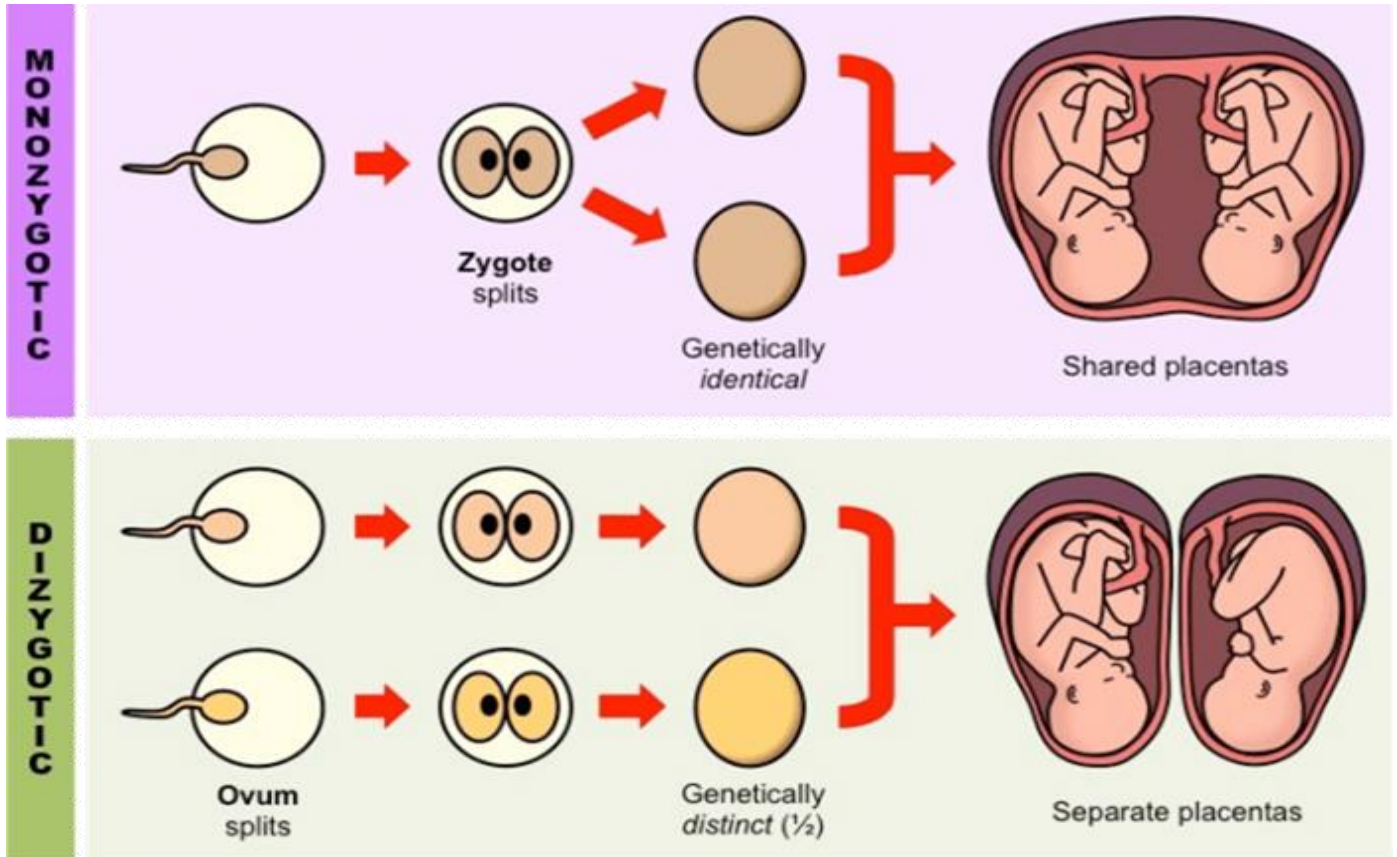


² ولادة قيصرية.

³ إجهاض.

Comparison between Monozygotic twins and dizygotic twins

Monozygotic twins	Dizygotic twins
Identical twins	Non identical/fraternal twins
A single ovum is fertilized by one sperm	Two ova are fertilized by two sperms

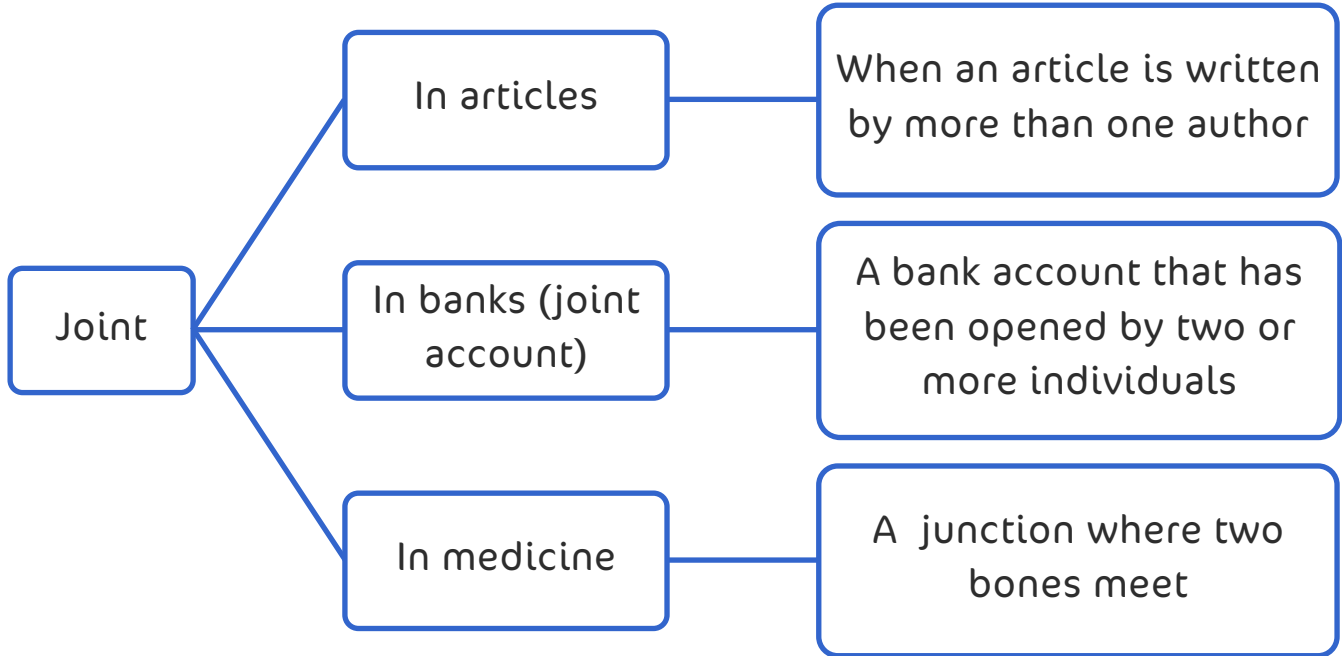


Comparison between outpatient and inpatient

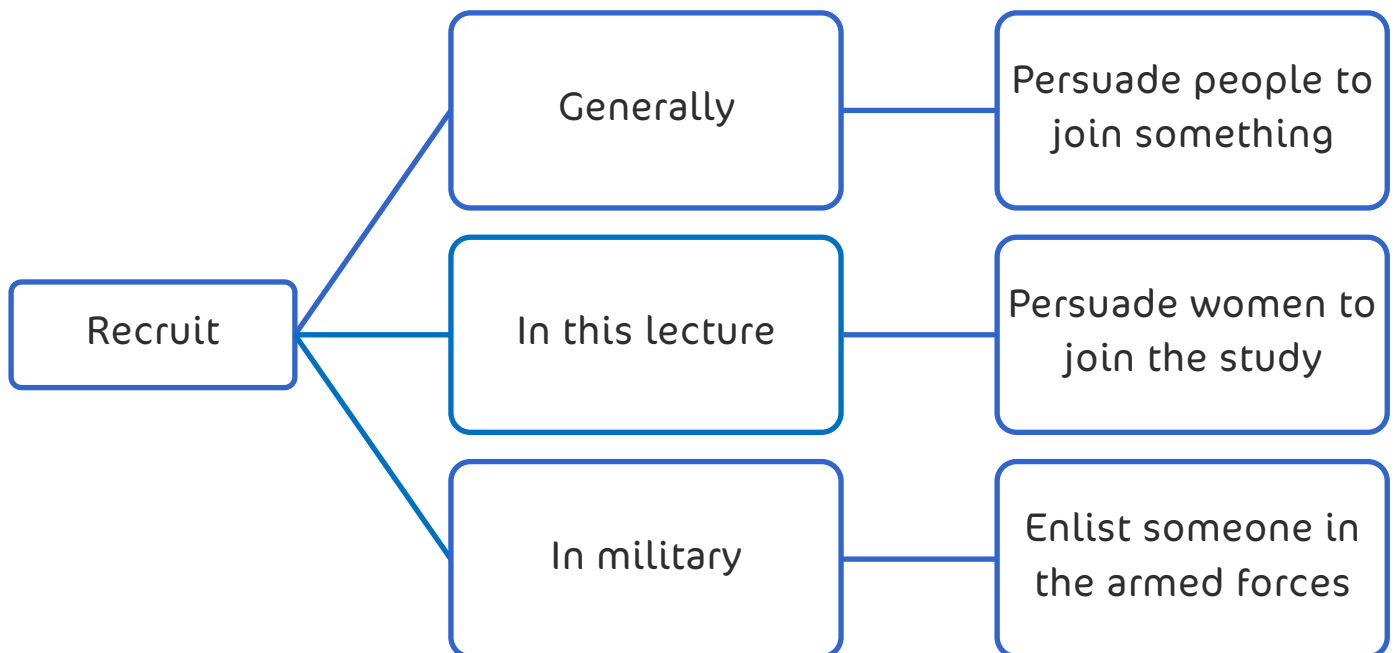
Outpatient	Inpatient
A patient who goes to a clinic and receives medical treatment without being admitted to a hospital so he doesn't stay at hospital	A patient who gets treatment inside the hospital

More than a meaning

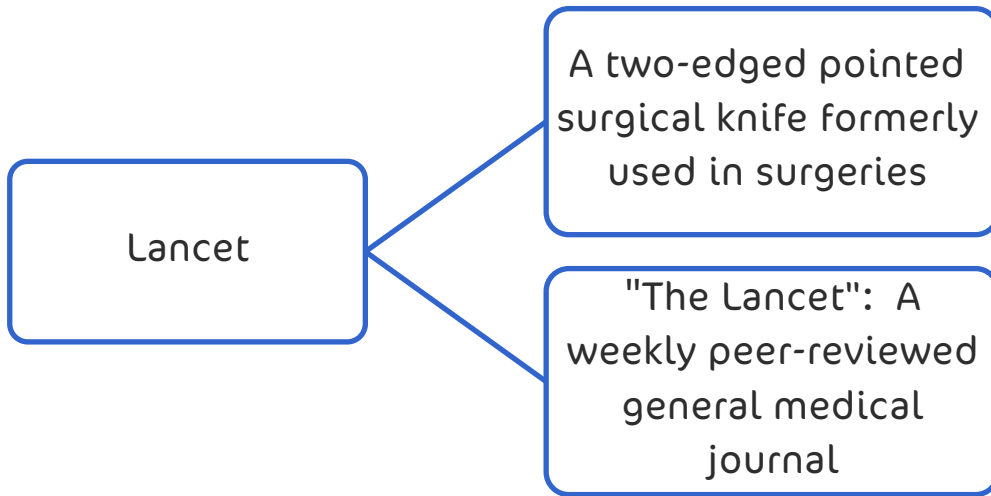
Joint:



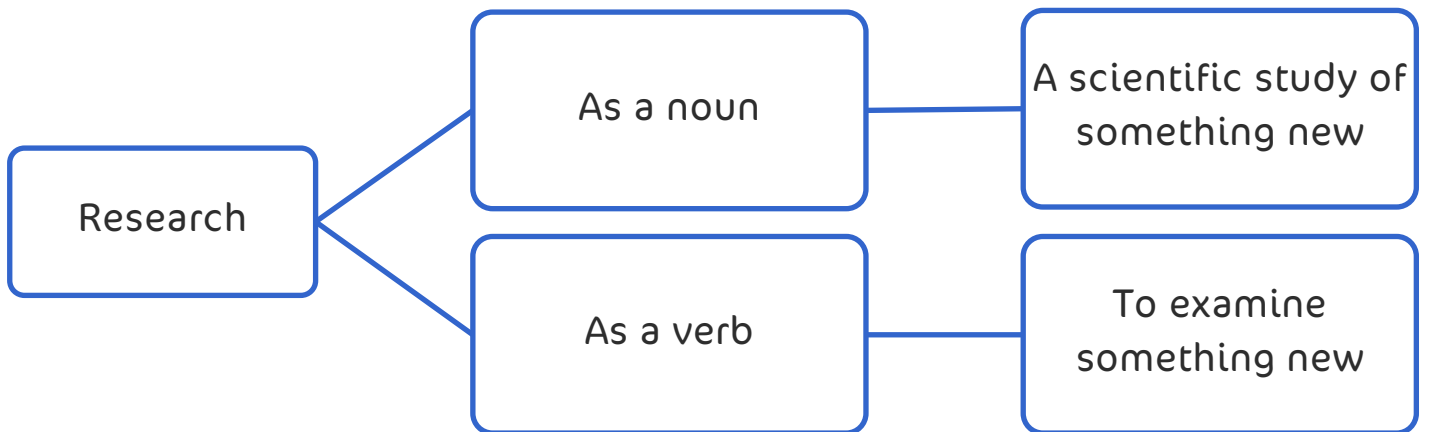
Recruit:



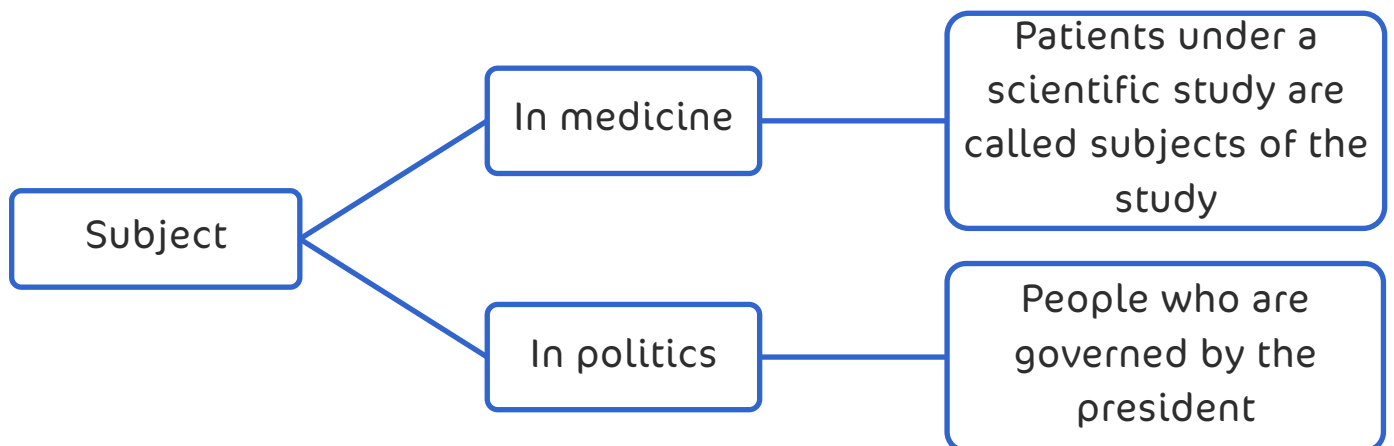
Lancet:



Research:



Recruit:



Special examination 1

More than a meaning

➤ Mate:

- ↳ Friend/companion/Colleague/Fellow/Partner (as a noun).
- ↳ To bring two animals together to have sex (as a verb).

➤ Letter:

- ↳ Message.
- ↳ Alphabet letters (ABCD).

Instruct, explain and reassure are actions used by doctors to examine patients.

While examining a patient the doctor will:

- ✓ Look at the symptoms.
- ✓ Listening to what patient says.
- ✓ Studying details of previous cases.

Comparison between "Sounds" and "Voices"

	Sounds	Voices
Similarities	Both of them enter the ear	
Differences	More general because the voice is a sound	Less general

Stethoscope is a surgical instrument used by doctors to listen to the heart or lungs.



Types of foot abnormal conditions

Flat foot	The soles of the feet lay <u>flat</u> on the ground instead of <u>arched</u>	القدم المسطحة/البطشة
Club foot	The person walks on his <u>toes not his soles</u> because the foot is bend	حنف القدم
Athlete's foot	<u>Fungal disorder</u> /disease between the toes	قدم الرياضي

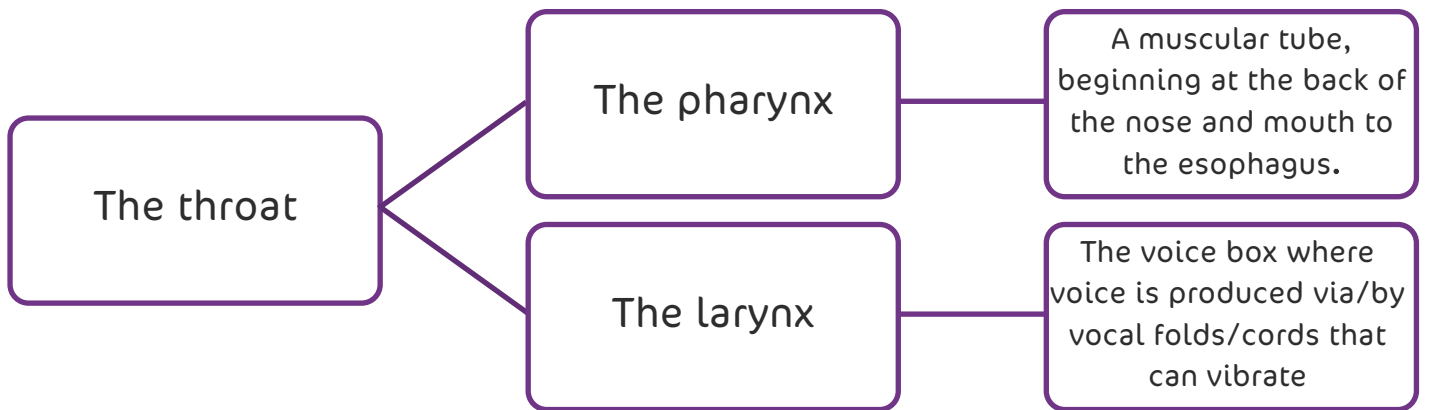


The difference between "Thumb" and "Finger"

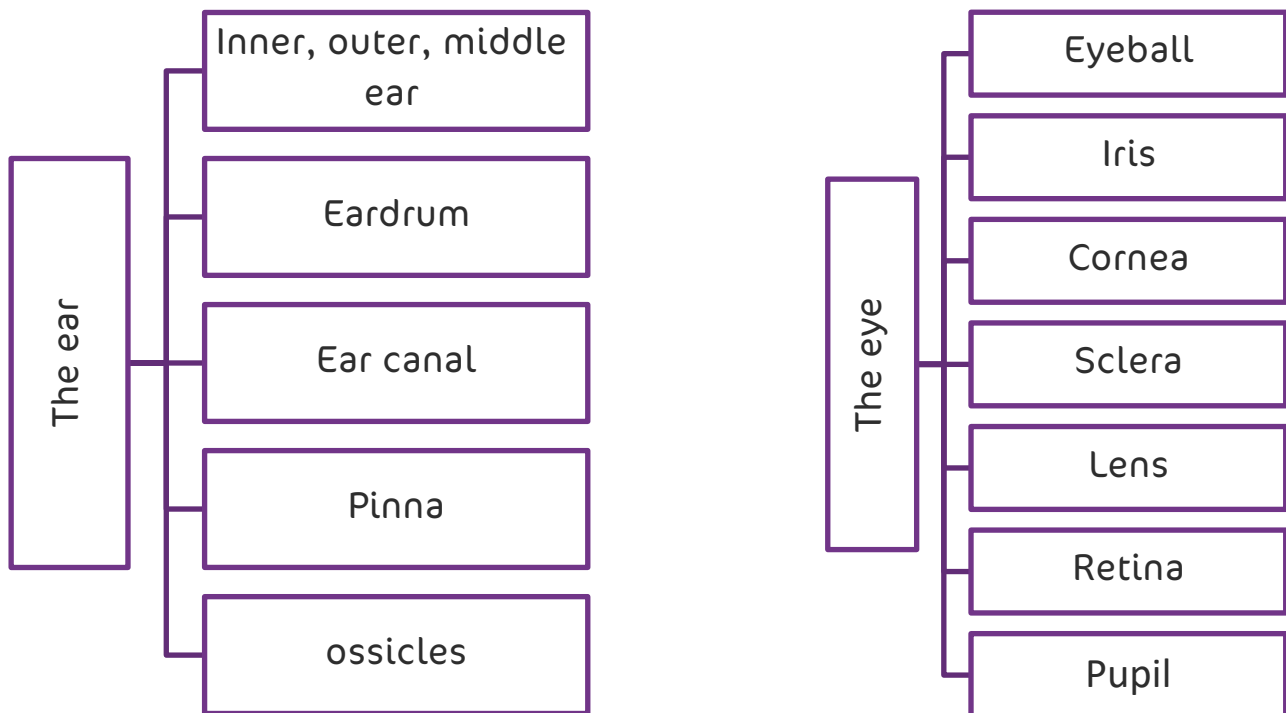
Thumb	Finger
It consists of 2 phalanges	It consists of 3 phalanges



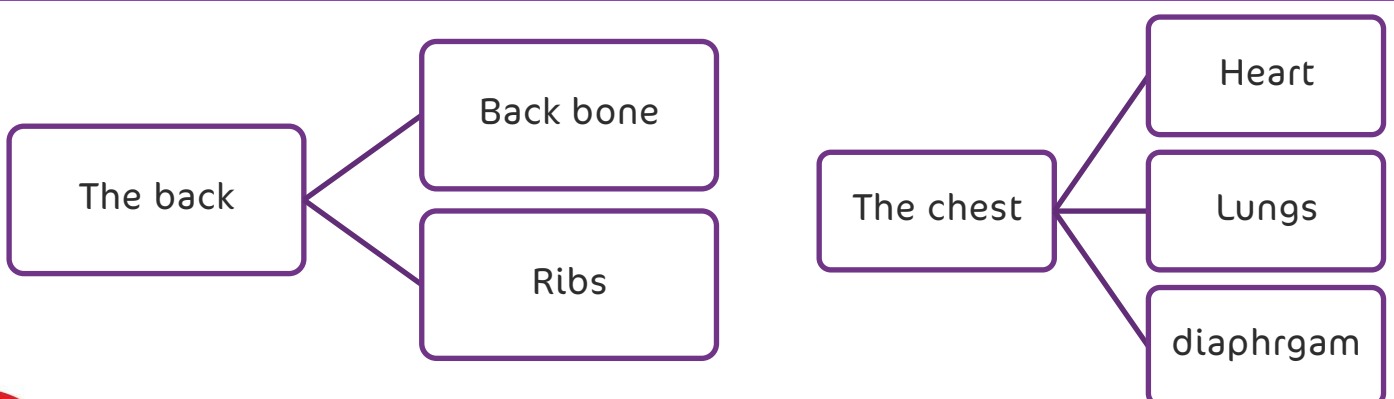
Parts of the throat



Parts of ear and eye



Constituents of the back and chest parts

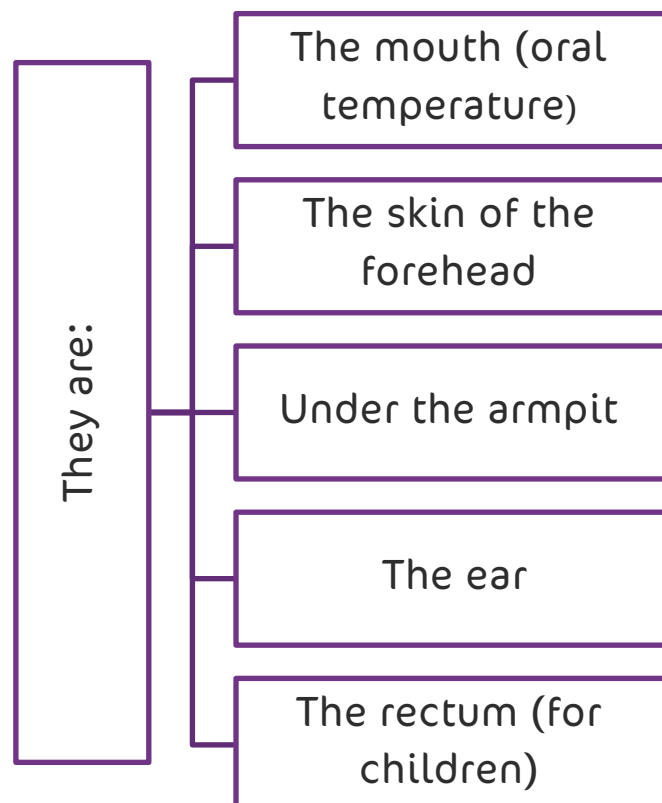


Prolapse

Is a condition where organs move downwards leaving their normal place (normal position).

Uterine prolapse	when uterus moves downwards into the vagina, out of the vagina or out of the body	هبوط الرحم
Rectal prolapse	when the mucous membrane of the rectum moves downwards into the anus	هبوط المستقيم
Prolapsed vertebral disc	when vertebra change positions either to the right or to the left	انزلاق القرص الغضروفي

Sites of temperature measurement



The instrument used in measuring temperature is Thermometer.

Types of cough

Dry cough	Without the production of mucous/phlegm/sputum	سعال جاف
Barking cough	Loud, noisy and dry cough	سعال ديكى
Productive cough	-	سعال غير جاف (مع بلغم أو مفرزات أخرى)

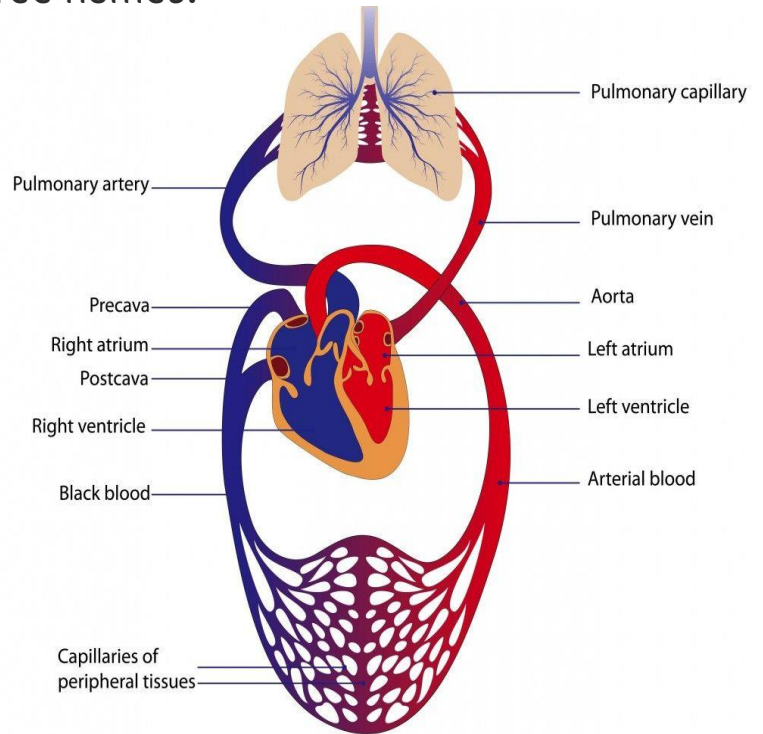
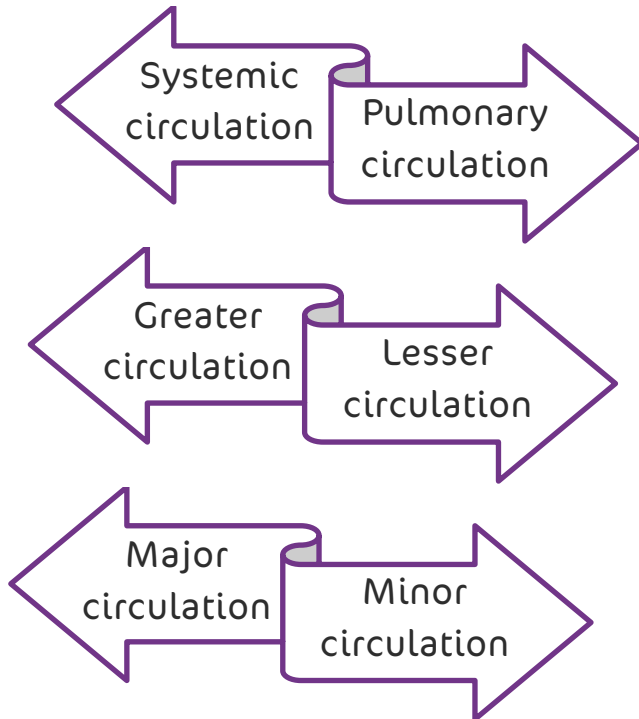
The specialist of each system

System	The specialist (archive)
ENT= ear, nose and throat	Otolaryngologist
RS= respiratory system	Pulmonologist
CVS= cardiovascular system	Cardiologists, hematologists and vascular surgeons
GIS= gastrointestinal system	Gastroenterologist
GUS= genitourinary system	<ul style="list-style-type: none"> • Andrologist (deals with male health) • Gynecologist (deals with female health) • Urologist (deals with urinary system)
CNS= central nervous system	Neurologist

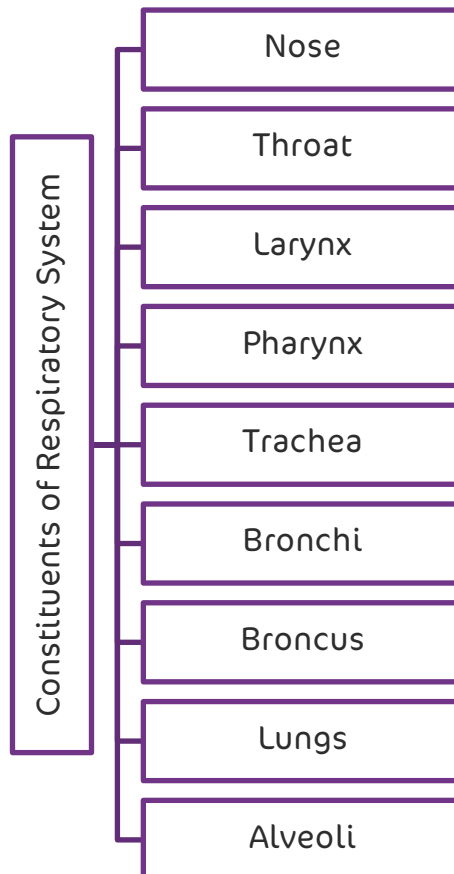


Types of circulation

There are two types and they have three names:

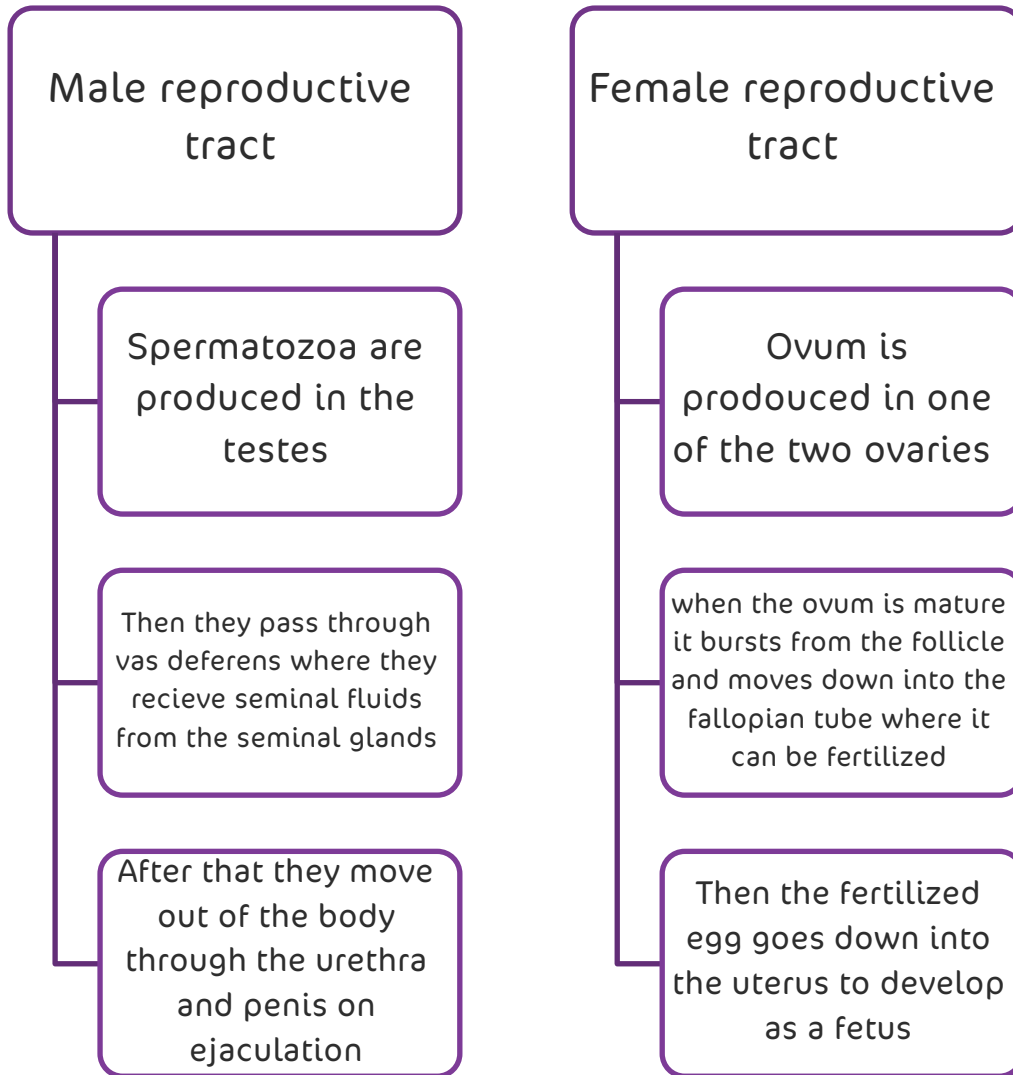


Constituents of Respiratory System



The most important process that takes place in lungs (Alveoli) is gas exchange.

Comparison between male and female reproductive tracts

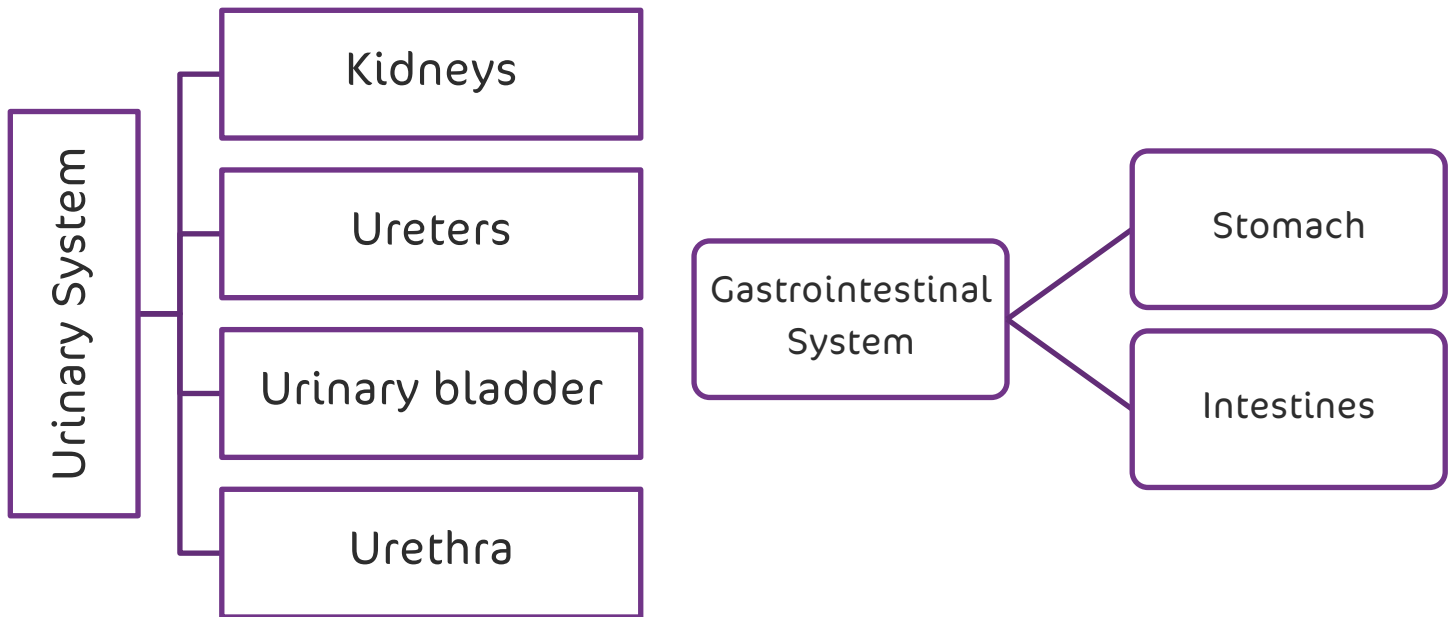


Testes and ovaries are the organs that take part in conception.

Comparison between "Embryo" and "Fetus"

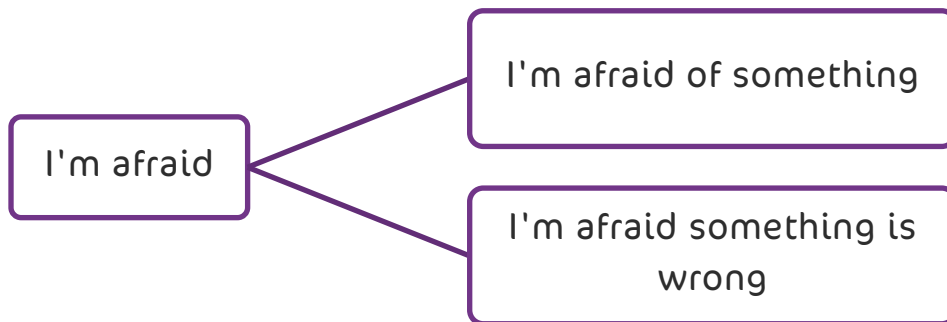
Embryo	Fetus
In early stages of development	Develops from an embryo
The unborn baby in the first 8 weeks after conception	From the ninth week after conception and continues until birth

Constituents of Urinary & Gastrointestinal Systems

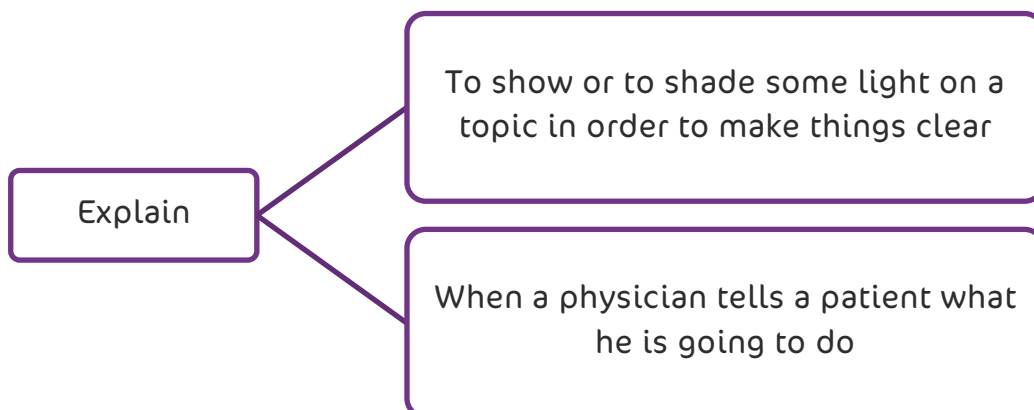


More than a meaning

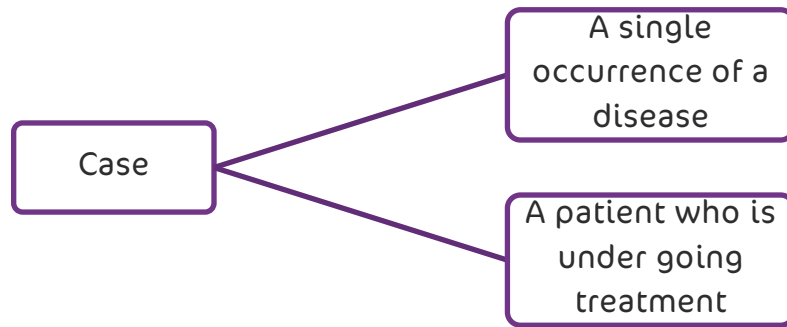
I'm afraid:



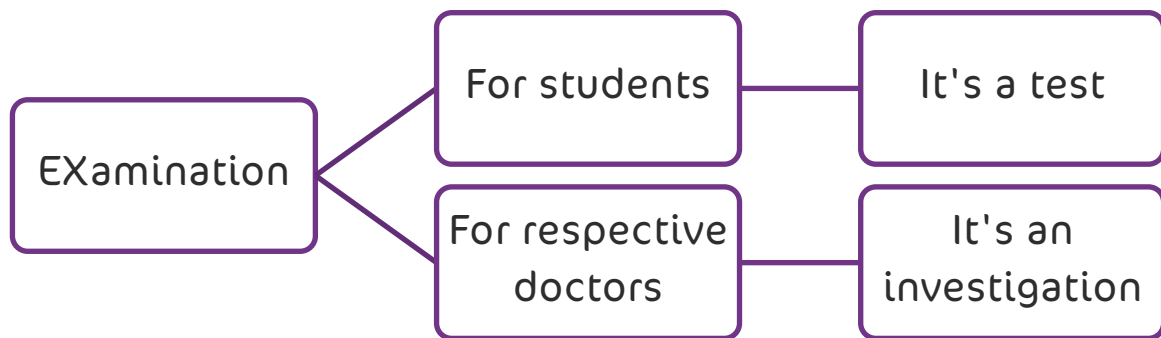
Explain:



Case:



Examination:



- Lie on the bed: means to lie on the clinic's bed.
- Lie on bed: means to lie on your own bed.

Special examination 2

More than a meaning

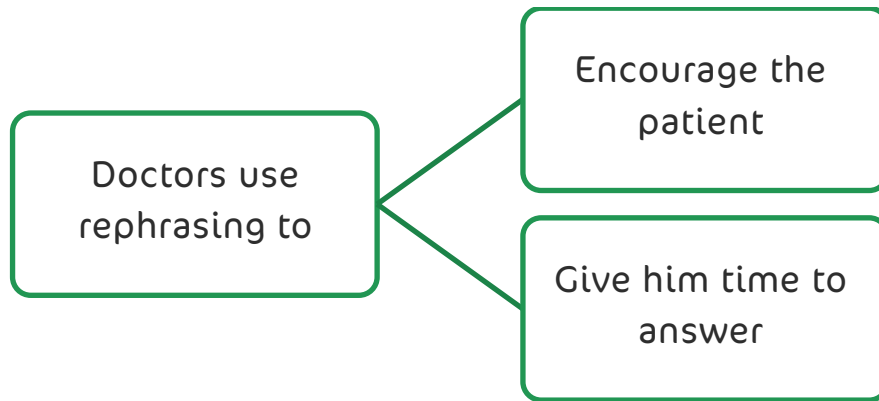
➤ Surgery:

- ↪ An operation/عملية جراحية.
- ↪ A private clinic/عيادة خاصة.

➤ Thread:

- ↪ A long, thin strand of fiber used in sewing or weaving (as a noun).
- ↪ To pass a thread through the hole of a needle (as a verb).

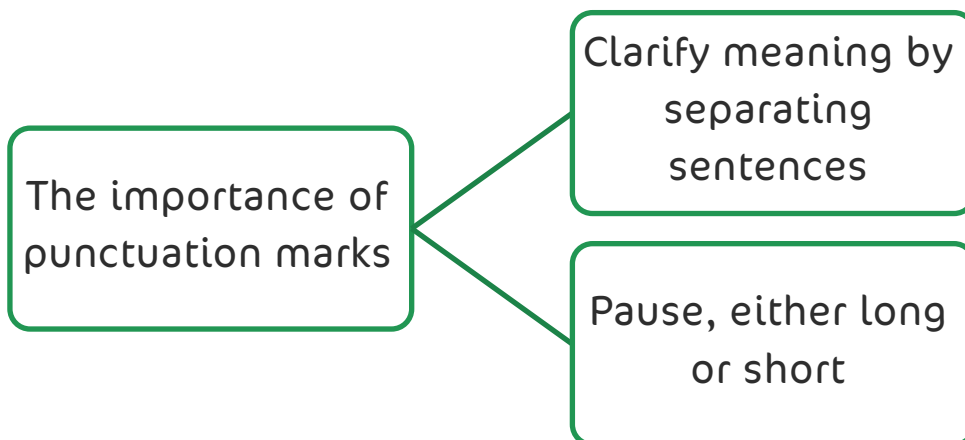
The importance of rephrasing



Some important preposition verbs * *

English	Arabic
Having a surgery <u>down</u>	امتلاك عيادة
Taking <u>over</u>	تولّي أمر ما
Staying <u>down</u>	الإقامة/البقاء
Run <u>into</u> each other/overlap <u>with</u> each other	تمر بسرعة وكأنها تتداخل مع بعضها
Tend <u>to</u>	يميل إلى
Figuring <u>out</u>	اكتشاف/إدراك شيء ما
Seem <u>to</u>	تبدو وكأنها

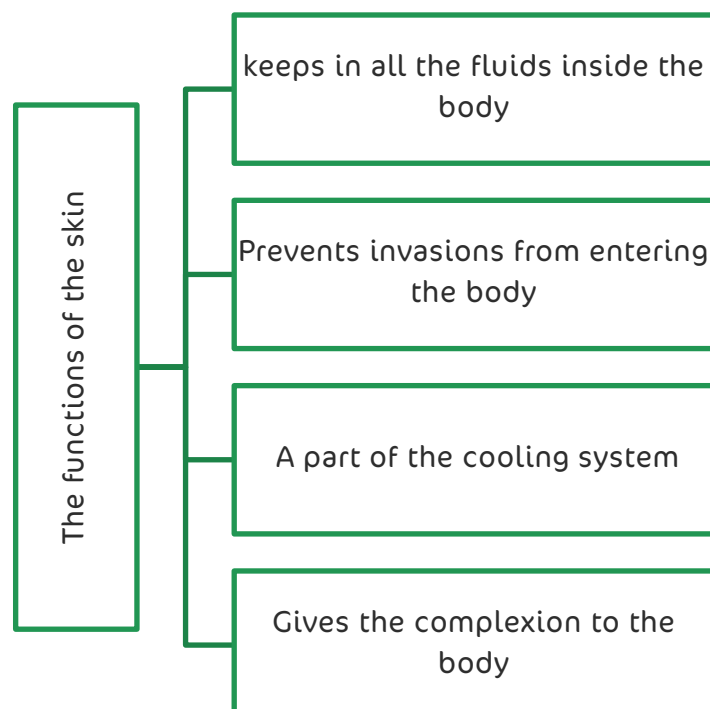
The importance of punctuation marks

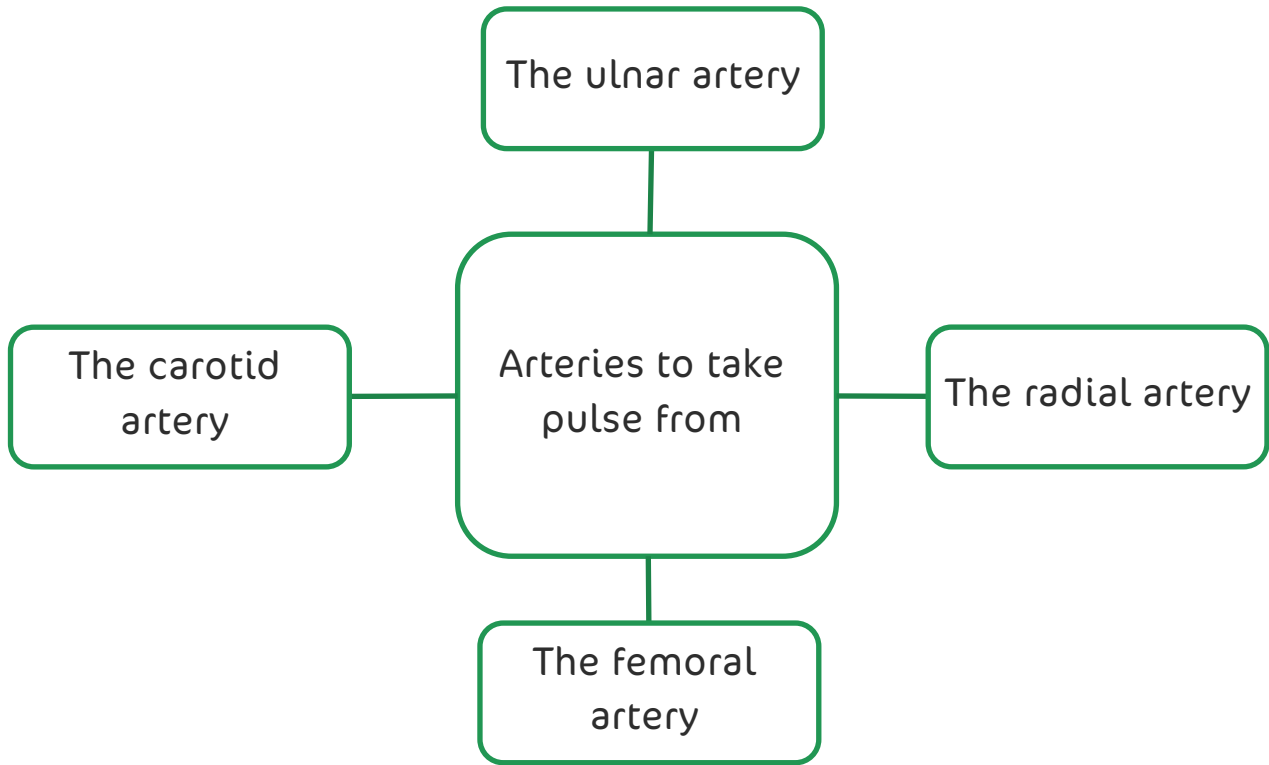


Differences

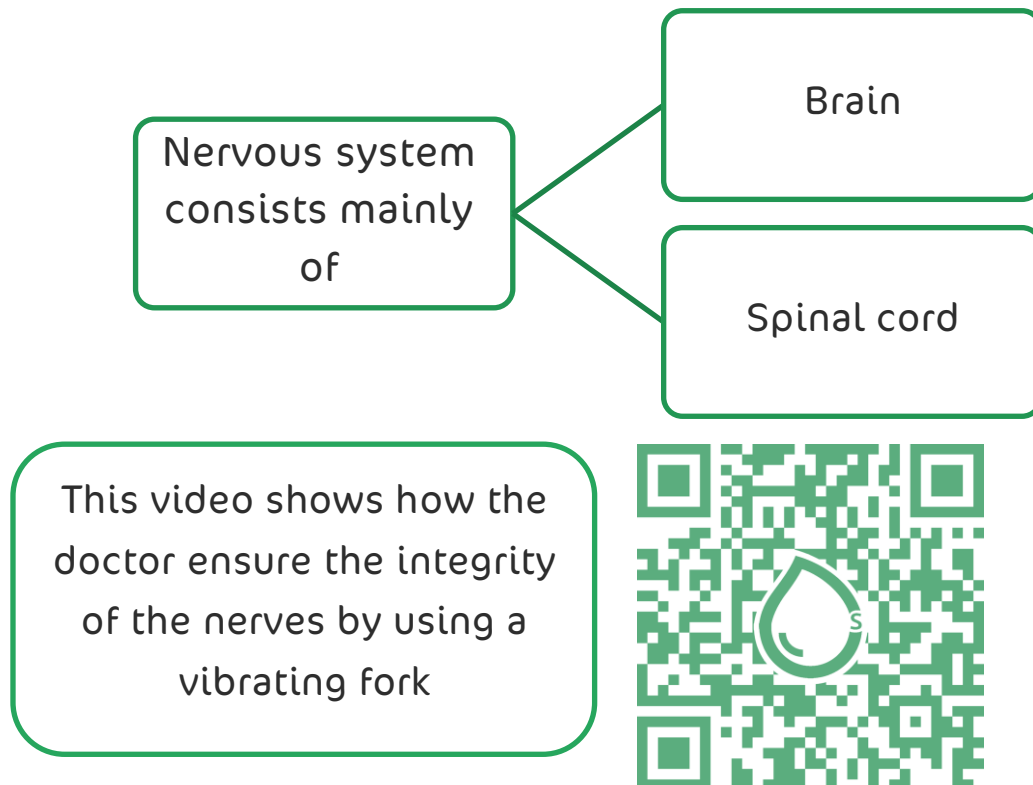
April fool	April baby
A person who is the victim of a trick on April 1	A baby born in April
Neurology	Neurologist
The scientific study of the structure, function and diseases of the nervous system which includes the brain, the spinal cord and peripheral nerves	A physician specialized in the study of the CNS, PNS and their dysfunctions and the treatment of nervous cases
Sharp	Blunt
Having a fine point that can easily cut	Having a thick point that can't cut
Fork	Vibrating fork
A piece of metal, usually with 2 or 3 pointed ends, used to lift food	A kind of instrument that vibrates when you knock it with something

The functions of the skin





Parts of the nervous system



And here our dear mates we reach the end of our 5TH extra this term ..

We hope you find it useful ..

Stay concentrated, stay hydrated, keep an eye on your diet, and take care of your RBCs ❤️💧

See you in the next one *_*